AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Currently Amended) An apparatus comprising:

at least one processor; and

at least one memory including non-transitory computer readable program code, where the at least one memory and the computer program code are configured, with the at least one processor, to cause the apparatus to at least:

perform at least one process for input image data resulting from a first interpolation process, including removing at least part of an effect of the first interpolation process from the input image data; and

prepare output data by performing a second, different, interpolation process for the image data obtained after the at least part of the effect of the first interpolation has been removed.

2. (Currently Amended) The apparatus according to claim 1, comprising a camera module including a lens, an image sensor, and a camera digital signal processor, where the camera digital signal processor includes a color correction unit, a gamma correction unit, a color interpolation unit, and an image quality correction unit,

where the input image data is produced by the camera module,

where removing the at least part of the effect of the first interpolation process includes

removing pixels that are interpolated by the color correction unit of the camera digital signal processor, and minimizing affects due to a color correction process and an image quality correction process performed by the camera digital signal processor, and

where performing the second, different, interpolation process includes performing a color interpolation process that is different than the first interpolation process and <u>further</u> performing an image quality correction process.

3. (Currently Amended) The apparatus according to claim 2, where the apparatus is further caused to:

identify an arrangement pattern for color filters that are laid on the image sensor,

~~seperate~~ <u>separate</u> color elements of pixels generated during the interpolation process by the color correction unit from color elements of pixels used to produce ~~those~~ <u>the</u> color elements <u>of pixels</u>, and

selectively perform a process for the color elements of the pixels generated during the interpolation process by the color correction unit.

4. (Currently Amended) A method, comprising:
    . obtaining image data,
    performing interpolation processes for the image data thus obtained, and
    outputting the image data resulting from the interpolation processes, where performing the interpolation processes include:
    performing at least one process including removing, with at least one processor, at least part of an effect of a first interpolation process from the image data resulting from the first interpolation process; and
    performing a second, different, interpolation process for <u>image</u> data obtained after the at least part of the effect of the first interpolation process has been removed.

5. – 8. (Cancelled)

9. (Currently Amended) The method of claim 4, wherein the at least one process includes a process performed on pixels that are interpolated by a color corrector so as to minimize affects due to a color correction process and an image quality correction process performed by a camera digital signal processor, and where the second, different, interpolation process includes a color interpolation process and an image quality correction process that ~~requires an increased amount of operational processing and a greater amount of processing line memory~~ is different than the first interpolation process.

10. (Currently Amended) The method of claim 9, where performing the at least one process further includes:

~~recognizing~~ identifying an arrangement pattern for color filters that are laid on the image sensor,

separating color elements of pixels generated during the first interpolation processes from color elements of pixels used to produce ~~those~~ the color elements of pixels, and

selectively processing color elements of pixels generated during the first interpolation process.

11. (Currently Amended) The apparatus of claim 1 embodied in a mobile device.